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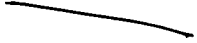
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)


Application Number	10747900
Filing Date	2003-12-29
First Named Inventor	John T. Santini Jr., et al.
Art Unit	3763
Examiner Name	M.A. Mendez
Attorney Docket Number	17509-0082

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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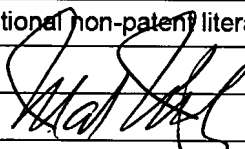
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
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
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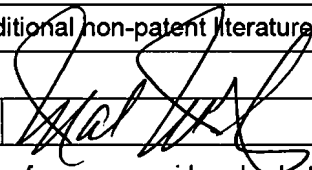
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/747,900
		Filing Date	2003-12-29
		First Named Inventor	John T. Santini, Jr.
		Art Unit	3783
		Examiner Name	Not Assigned
		Attorney Docket Number	17509-0082
Sheet	1	of	1

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
D		US 5,366,454	11-22-1994	Currie et al.	
		US 5,368,704	11-29-1994	Madou et al.	
		US 5,380,272	01-10-1995	Gross	
		US 5,493,177	02-20-1996	Muller, et al.	
		US 5,504,026	04-02-1996	Kung	
		US 5,662,689	09-02-1997	Elsberry et al.	
		US 5,949,187	09-07-1999	Xu, et al.	
		US 5,971,931	10-26-1999	Raff	
		US 6,051,017	04-18-2000	Loeb et al.	
		US 6,081,736	06-27-2000	Cilvin, et al.	
		US 6,129,685	10-10-2000	Howard, III	
		US 6,161,047	12-12-2000	King et al.	
		US 6,178,349	01-23-2001	Kieval	
		US 6,185,455	02-06-2001	Loeb et al.	
		US 6,214,032	04-10-2001	Loeb et al.	
		US 6,289,237	09-11-2001	Mickle et al.	
		US 6,319,241	11-20-2001	King et al.	
		US 6,384,353	05-07-2002	Haung, et al.	
		US 6,436,853	08-20-2002	Lin, et al.	
		US 6,480,730	11-12-2002	Darrow, et al.	
		US 6,587,719	07-01-2003	Barrett et al.	
		US 6,733,485	05-11-2004	Whitehurst et al.	
		US 6,757,560	06-29-2004	Fischer et al.	
		US 6,908,770	06-21-2005	McDevitt et al.	
		US 6,968,743	11-29-2005	Rich et al.	
		US 7,010,345	03-07-2005	Hill et al.	
		US 2001/0053885	12-20-2001	Gielen et al.	
		US 2002/0038137	03-28-2002	Stein	
		US 2002/0055761	05-09-2002	Mann et al.	
		US 2002/0082665	06-27-2002	Haller et al.	
		US 2002/0107553	08-08-2002	Hill et al.	
		US 2002/0111601	08-15-2002	Thompson	
		US 2002/0143369	10-03-2002	Hill et al.	
		US 2002/0144548	10-10-2002	Cohn, et al.	
		US 2002/0165586	11-07-2002	Hill et al.	
	US 2003/0004549	01-02-2003	Hill et al.		
	US 2005/0100937	05-12-2005	Holmes		

FOREIGN PATENT DOCUMENTS

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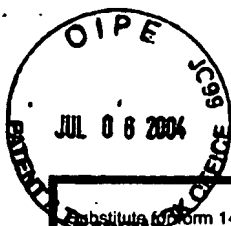
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/747,900
		Filing Date	December 29, 2003
		First Named Inventor	John T. Santini, Jr., et al.
		Art Unit	3763
		Examiner Name	
Sheet 1 of 4	Attorney Docket Number	17509-0082	

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[Signature]		3,692,027	09-19-1972	Ellinwood, Jr.	[Diagonal line]
		3,952,741	04-27-1976	Baker	
		4,003,379	01-18-1977	Ellinwood, Jr.	
		4,360,019	11-23-1982	Portner, et al.	
		4,507,115	03-26-1985	Kambara, et al.	
		4,731,049	03-15-1988	Parsi	
		4,793,825	12-27-1988	Benjamin, et al.	
		5,042,975	08-27-1991	Chien, et al.	
		5,167,625	12-01-1992	Jacobsen, et al.	
		5,170,801	12-15-1992	Casper, et al.	
		5,196,002	03-23-1993	Hanover, et al.	
		5,200,051	04-06-1993	Cozzette, et al.	
		5,252,294	10-12-1993	Kroy, et al.	
		5,279,607	01-18-1994	Schentag, et al.	
		5,318,557	06-07-1994	Gross	
		5,336,213	08-09-1994	D'Angelo, et al.	
		5,366,454	11-22-1994	Curie, et al.	
		5,368,588	11-29-1994	Bettinger	

FOREIGN PATENT DOCUMENTS						
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[Signature]		WO 02/056862 A1	07-25-2002	Fraunhofer		✓
		DE 197 16 683 C1	06-04-1998	Fraunhofer (Roth et al.)		✓

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BAE, et al., "Pulsatile Drug Release by Electric Stimulus," ACS Symp. Series <i>Polymeric Drugs & Drug Admin.</i> , pp. 99-110 (1994).			
HAROUN, et al., "Local Drug Delivery," <i>Curr. Opin. Oncol.</i> 12(3): 187-93 (2000) (abstract).			
KINGERY, et al., Introduction to Ceramics, 2 nd Ed., pp. 964-72 (J. Wiley & Son 1976).			
KWON, et al., "Electrically Erodible Polymer Gel For Controlled Release of Drugs," <i>Nature</i> 354: 291-93 (1991).			
LIU, et al., "Applications of Microfabrication and Micromachining Techniques to Biotechnology," <i>Tibtech</i> 15: 213-16 (1997).			
LOW, et al., "Microactuators Towards Microvalves for Responsive Controlled Drug Delivery," <i>Sensors & Actuators B</i> 67: 149-60 (2000).			
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		5,368,704	11-29-1994	Madou, et al.	
		5,427,585	06-27-1995	Bettinger	
		5,429,822	07-04-1995	Gresser, et al.	
		5,443,508	08-22-1995	Giampapa	
		5,474,527	12-12-1995	Bettinger	
		5,490,962	02-13-1996	Cima, et al.	
		5,651,900	07-29-1997	Keller, et al.	
		5,660,680	08-26-1997	Keller	
		5,770,076	06-23-1998	Chu, et al.	
		5,797,898	08-25-1998	Santini, Jr., et al.	
		5,798,042	08-25-1998	Chu, et al.	
		5,842,787	12-01-1998	Kopf-Sill, et al.	
		5,893,974	04-13-1999	Keller, et al.	

FOREIGN PATENT DOCUMENTS						
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MADOU, et al., "From Batch to Continuous Manufacturing of Microbiomedical Devices," <i>Chem Rev.</i> 100: 2679-92 (2000).			
MADOU, et al., "Exploitation of a Novel Artificial Muscle for Controlled Drug Delivery," <i>Polym. Mater. Sci. Eng.</i> 83: 495-497 (2000).			
MADOU, "Micromachining in Chemical Sensors and Instrumentation for Biomedical Applications," <i>Fundamentals of Microfabrication</i> , pp. 468-514 (CRC Press 1997) (ToC).			
SANTINI, et al., "Microchips as Controlled Drug-Delivery Devices," <i>Angew Chem. Int. Ed. Engl.</i> 39(14): 2396-407 (2000).			
SANTINI, et al., "Microchip Technology in Drug Delivery," <i>Ann. Med.</i> 32(6) 377-9 (2001) (abstract).			
SANTINI, et al., "A Controlled-Release Microchip," <i>Nature</i> 397(6717): 335-38 (1999).			
SURBLED, et al., "Shape Memory Alloys for Micromembranes Actuation," <i>SPIE</i> 3825: 63-70 (1999).			
SURBLED, et al., "Array of Shape Memory Alloy One-Shot Micro-Valves for Drug Delivery", MME '99, Gif sur Yvette, France (Sep. 27-28, 1999).			
SURBLED, et al., "Characterization of Sputtered TiNi Shape Memory Alloy Thin Films," <i>Jpn. J. Applied Phys.</i> 38: L1547-49 (1999).			
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		5,900,160	05-04-1999	Whitesides, et al.	
		5,938,923	08-17-1999	Tu, et al.	
		5,948,255	09-07-1999	Keller, et al.	
		5,962,081	10-05-1999	Ohman, et al.	
		5,985,328	11-16-1999	Chu, et al.	
		5,989,445	11-23-1999	Wise, et al.	
		6,001,090	12-14-1999	Lenhart	
		6,114,658	09-05-2000	Roth, et al.	
		6,123,861	09-26-2000	Santini, Jr., et al.	
		6,334,859	01-01-2002	Richter	
		6,491,666	12-10-2002	Santini, Jr., et al.	
		6,527,762	03-04-2003	Santini, Jr., et al.	
		6,537,250	03-25-2003	Kriesel	
		6,537,256	03-25-2003	Santini, Jr., et al.	
		6,551,838	04-22-2003	Santini, Jr., et al.	
		6,571,125	05-27-2003	Thompson	
		6,656,162	12-02-2003	Santini, Jr., et al.	

FOREIGN PATENT DOCUMENTS

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TAO, et al., "Microfabricated Drug Delivery Systems: from Particles to Pores," <i>Adv. Drug Deliv. Res.</i> 55(3): 315-28 (2003).		
TIERNEY, et al., "Electroreleasing Composite Membranes for Delivery of Insulin and Other Biomacromolecules," <i>J. Electrochem Soc.</i> 137(6): 2005-06 (1990).		
TIERNEY, et al., "New Electrorelease Systems Based on Microporous Membranes," <i>J. Electrochem Soc.</i> 137(12): 3789-93 (1990).		
UHRICH, et al., "Synthesis and Characterization of Degradable Poly(anhydride-co-imides)," <i>Macromolecules</i> 28: 2184-93 (1995).		
VLADIMIRSKY, et al., "Thin Metal Film Thermal Micro-Sensors," <i>Proc. SPIE</i> 2640: 184-92 (1995).		
WOGERSIEN, et al., "Fabrication of Thin Film Resistors and Silicon Microstructures using a Frequency-Doubled Nd:YAG laser," <i>Proc. SPIE - Design, Test, and Microfabrication of MEMS and MOEMS</i> , 2: 1105 (Paris, March 1999).		
Examiner Signature	Date Considered	08/23/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/747,900
		Filing Date	December 29, 2003
		First Named Inventor	John T. Santini, Jr., et al.
		Art Unit	3763
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	17509-0082	

U. S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,663,615	12-16-2003	Madou, et al.	
		6,669,683	12-30-2003	Santini, Jr., et al.	
		6,730,072	05-04-2004	Shawgo, et al.	
		2002/0022826	02-21-2002	Reynolds, et al.	
		2002/0072734	06-13-2002	Liedtke	
		2002/0072784	06-13-2002	Sheppard Jr., et al.	
		2002/0099359	07-25-2002	Santini, Jr., et al.	
		2002/0107470	08-08-2002	Richards, et al.	
		2002/0111658	08-15-2002	Greenberg, et al.	
		2002/0138067	09-26-2002	Sheppard Jr., et al.	
		2002/0183721	12/05/2002	Santini, Jr., et al.	
		2002/0187260	12-12-2002	Sheppard Jr., et al.	
		2003/0010808	01-16-2003	Uhland, et al.	
		2003/0036794	02-20-2003	Ragheb, et al.	
		2003/0069560	04-10-2003	Adamis, et al.	
		2003/0104590	06-05-2003	Santini, Jr., et al.	
		2003/0105455	06-05-2003	Santini, Jr., et al.	
		2004/0106953	06-03-2004	Yomtov, et al.	
		2004/0106914	06-03-2004	Coppeta, et al.	
		2004/0082937	04-29-2004	Ausiello, et al.	
		2004/0043042	03-04-2004	Johnson, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Patent Document Number Country Code ³ Number ⁴ Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

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